

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 11084 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Jun 26 2012

See axaff11084N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.7538915

## Comments

Monitor constraint met, follows obs11083 by 47 days.

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A spatial region of the original bias map for CCD = 3 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 3 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation. The pixels affected by the anomaly are bounded by sky  
coords: (5.33900,59.13843), (5.39031,59.12754), (5.45296,59.20559), (5.41219,59.22974)

seq_num	401119	Sequence number
obs_id	11084	Observation id
title	X-Ray Binaries In a Nearby Star-Burst Galaxy: A New Lab for Astrophysics.	Proposal title
observer	Dr Silas Laycock	Principal investigator
object	IC 10	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	5.072083	Observer's specified target RA [deg]
dec_targ	59.303778	Observer's specified target Dec [deg]
ra_nom	5.1028236022987	Nominal RA [deg]
dec_nom	59.337828852176	Nominal Dec [deg]
roll_nom	67.894424664842	Nominal Roll [deg]
revision	3	Processing version of data
ontime	14753.89156121	Sum of GTIs [s]
livetime	14567.068902535	Livetime [s]
ontime2	14747.45062077	Sum of GTIs [s]
ontime3	14753.7684412	Sum of GTIs [s]
ontime5	14753.850521207	Sum of GTIs [s]
ontime6	14750.56851089	Sum of GTIs [s]
ontime7	14753.89156121	Sum of GTIs [s]
ontime8	14747.245410562	Sum of GTIs [s]
l2events	182320	Number of level 2 events

